

DAVI186.004APC_SEQLIST.TXT

SEQUENCE LISTING

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Lindeman, Geoffrey
Hoffmann, Peter
Pomorski, Thomas

<120> A NOVEL PHOSPHOPROTEIN

<130> DAVI186.004APC

<140> 10/538,704
<141> 2005-06-10

<150> PCT/AU03/01664
<151> 2003-12-12

<150> AU 2002953341
<151> 2002-12-13

<160> 7

<170> FastSEQ for Windows Version 4.0

<210> 1
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<212> PRT
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<220>
<223> peptide

<400> 1
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1 5 10

<210> 2
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<220>
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Gln His Ala Asp Ser Leu Glu Asn Ile Asp Glu Ser Ala Val Ala Glu
1 5 10 15
Ser Arg

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<211> 18
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<213> Artificial Sequence

<220>
<223> peptide

DAVI186.004APC_SEQLIST.TXT

<400> 3
 Arg Arg Ala Ala Ser Met Asp Asn Asn Ser Lys Phe Ala Lys Ser Arg
 1 5 10 15
 Ser Arg

<210> 4
 <211> 876
 <212> DNA
 <213> Homo sapiens

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 gtgggcttga acctgaccta tagcagggtc ggggtgtctg tctgggtgca ggctgtggag 180
 atggatcgga cgctgcacaa gatcaagtgc cgatggagt gctgtatgt gccagccgag 240
 acactctacg acgtcctaca cgacatttag taccgcaaga aatgggacag caacgtcatt 300
 gagacttttgc acatcgcccg cttagacagtc aacgctgacg tggcttata ctccctggagg 360
 tgtccaagg ccctgaagaa ccgtgtatgtc atcacccctcc gctccctggct ccccatgggc 420
 gctgattaca tcattatgaa ctactcgtc aaacatccca aataccacc tcggaaagac 480
 ttgggtccgag ctgtgtccat ccagacgggc tacctcatcc agagcacagg gcccaagagc 540
 tgcgtcatca cctacctggc ccaggtggac cccaaaggt ccttacccaa gtgggtggtg 600
 aataaatctt ctcagttcct ggctcccaag gccatgaaga agatgtacaa ggcgtgcctc 660
 aagtaccccg agtggaaaca gaagcacctg cctcacttca agccgtggct gcacccggag 720
 cagagccgt tgccgagcct ggcgtgtcg gagctgtcg tgcaagcatgc ggactcaactg 780
 gagaacatcg acgagagcgc ggtggccgag agcagagagg agcggatggg cggcgcgggc 840
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<210> 5
 <211> 291
 <212> PRT
 <213> Homo sapiens

<400> 5
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 1 5 10 15
 Leu Gly Arg Glu Ser Val Gln Val Pro Asp Asp Gln Asp Phe Arg Ser
 20 25 30
 Phe Arg Ser Glu Cys Glu Ala Glu Val Gly Trp Asn Leu Thr Tyr Ser
 35 40 45
 Arg Ala Gly Val Ser Val Trp Val Gln Ala Val Glu Met Asp Arg Thr
 50 55 60
 Leu His Lys Ile Lys Cys Arg Met Glu Cys Cys Asp Val Pro Ala Glu
 65 70 75 80
 Thr Leu Tyr Asp Val Leu His Asp Ile Glu Tyr Arg Lys Lys Trp Asp
 85 90 95
 Ser Asn Val Ile Glu Thr Phe Asp Ile Ala Arg Leu Thr Val Asn Ala
 100 105 110
 Asp Val Gly Tyr Tyr Ser Trp Arg Cys Pro Lys Pro Leu Lys Asn Arg
 115 120 125
 Asp Val Ile Thr Leu Arg Ser Trp Leu Pro Met Gly Ala Asp Tyr Ile
 130 135 140
 Ile Met Asn Tyr Ser Val Lys His Pro Lys Tyr Pro Pro Arg Lys Asp
 145 150 155 160
 Leu Val Arg Ala Val Ser Ile Gln Thr Gly Tyr Leu Ile Gln Ser Thr
 165 170 175
 Gly Pro Lys Ser Cys Val Ile Thr Tyr Leu Ala Gln Val Asp Pro Lys
 180 185 190
 Gly Ser Leu Pro Lys Trp Val Val Asn Lys Ser Ser Gln Phe Leu Ala
 195 200 205
 Pro Lys Ala Met Lys Lys Met Tyr Lys Ala Cys Leu Lys Tyr Pro Glu
 210 215 220

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Trp Lys Gln Lys His Leu Pro His Phe Lys Pro Trp Leu His Pro Glu
 225 230 235 240
 Gln Ser Pro Leu Pro Ser Leu Ala Leu Ser Glu Leu Ser Val Gln His
 245 250 255
 Ala Asp Ser Leu Glu Asn Ile Asp Glu Ser Ala Val Ala Glu Ser Arg
 260 265 270
 Glu Glu Arg Met Gly Gly Ala Gly Glu Gly Ser Asp Asp Asp Thr
 275 280 285
 Ser Leu Thr
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<210> 6

<211> 359

<212> PRT

<213> Homo sapiens

<400> 6

Met Ser Thr Arg Ala Lys Lys Leu Arg Arg Ile Trp Arg Ile Leu Glu
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 20 25 30
 Gln Glu Gly Val Thr Ser Ala Ala Ala Ser Thr Leu Ser Glu Pro
 35 40 45
 Pro Arg Arg Thr Gln Glu Ser Arg Thr Arg Thr Arg Ala Leu Gly Leu
 50 55 60
 Pro Thr Leu Pro Met Glu Lys Leu Ala Ala Ser Thr Glu Pro Gln Gly
 65 70 75 80
 Pro Arg Pro Val Leu Gly Arg Glu Ser Val Gln Val Pro Asp Asp Gln
 85 90 95
 Asp Phe Arg Ser Phe Arg Ser Glu Cys Glu Ala Glu Val Gly Trp Asn
 100 105 110
 Leu Thr Tyr Ser Arg Ala Gly Val Ser Val Trp Val Gln Ala Val Glu
 115 120 125
 Met Asp Arg Thr Leu His Lys Ile Lys Cys Arg Met Glu Cys Cys Asp
 130 135 140
 Val Pro Ala Glu Thr Leu Tyr Asp Val Leu His Asp Ile Glu Tyr Arg
 145 150 155 160
 Lys Lys Trp Asp Ser Asn Val Ile Glu Thr Phe Asp Ile Ala Arg Leu
 165 170 175
 Thr Val Asn Ala Asp Val Gly Tyr Tyr Ser Trp Arg Cys Pro Lys Pro
 180 185 190
 Leu Lys Asn Arg Asp Val Ile Thr Leu Arg Ser Trp Leu Pro Met Gly
 195 200 205
 Ala Asp Tyr Ile Ile Met Asn Tyr Ser Val Lys His Pro Lys Tyr Pro
 210 215 220
 Pro Arg Lys Asp Leu Val Arg Ala Val Ser Ile Gln Thr Gly Tyr Leu
 225 230 235 240
 Ile Gln Ser Thr Gly Pro Lys Ser Cys Val Ile Thr Tyr Leu Ala Gln
 245 250 255
 Val Asp Pro Lys Gly Ser Leu Pro Lys Trp Val Val Asn Lys Ser Ser
 260 265 270
 Gln Phe Leu Ala Pro Lys Ala Met Lys Lys Met Tyr Lys Ala Cys Leu
 275 280 285
 Lys Tyr Pro Glu Trp Lys Gln Lys His Leu Pro His Phe Lys Pro Trp
 290 295 300
 Leu His Pro Glu Gln Ser Pro Leu Pro Ser Leu Ala Leu Ser Glu Leu
 305 310 315 320
 Ser Val Gln His Ala Asp Ser Leu Glu Asn Ile Asp Glu Ser Ala Val
 325 330 335
 Ala Glu Ser Arg Glu Glu Arg Met Gly Gly Ala Gly Gly Glu Gly Ser
 340 345 350
 Asp Asp Asp Thr Ser Leu Thr

<210> 7
<211> 214
<212> PRT
<213> Homo sapiens

<400> 7
Met Glu Leu Ala Ala Gly Ser Phe Ser Glu Glu Gln Phe Trp Glu Ala
1 5 10 15
Cys Ala Glu Leu Gln Gln Pro Ala Leu Ala Gly Ala Asp Trp Gln Leu
20 25 30
Leu Val Glu Thr Ser Gly Ile Ser Ile Tyr Arg Leu Leu Asp Lys Lys
35 40 45
Thr Gly Leu His Glu Tyr Lys Val Phe Gly Val Leu Glu Asp Cys Ser
50 55 60
Pro Thr Leu Leu Ala Asp Ile Tyr Met Asp Ser Asp Tyr Arg Lys Gln
65 70 75 80
Trp Asp Gln Tyr Val Lys Glu Leu Tyr Glu Gln Glu Cys Asn Gly Glu
85 90 95
Thr Val Val Tyr Trp Glu Val Lys Tyr Pro Phe Pro Met Ser Asn Arg
100 105 110
Asp Tyr Val Tyr Leu Arg Gln Arg Arg Asp Leu Asp Met Glu Gly Arg
115 120 125
Lys Ile His Val Ile Leu Ala Arg Ser Thr Ser Met Pro Gln Leu Gly
130 135 140
Glu Arg Ser Gly Val Ile Arg Val Lys Gln Tyr Lys Gln Ser Leu Ala
145 150 155 160
Ile Glu Ser Asp Gly Lys Lys Gly Ser Lys Val Phe Met Tyr Tyr Phe
165 170 175
Asp Asn Pro Gly Gly Gln Ile Pro Ser Trp Leu Ile Asn Trp Ala Ala
180 185 190
Lys Asn Gly Val Pro Asn Phe Leu Lys Asp Met Ala Arg Ala Cys Gln
195 200 205
Asn Tyr Leu Lys Lys Thr
210